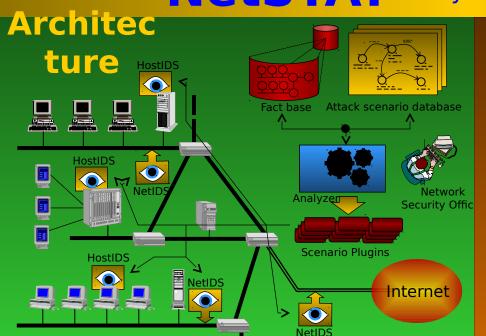
NetSTAT System for Large Scale Heterogeneous



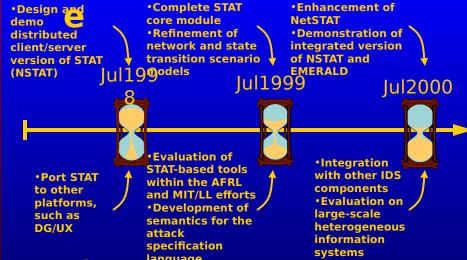
New Networks

- **EGAS** sition analysis of host-based *and* network-based attacks
- Core module that embeds domainindependent semantics of STAT
- Well-defined way to extend generic core to develop STAT-based IDSs
- Fact base with structured representation of protected networks and hosts
- Analyzer that customizes generic attack scenarios for target networks and hosts
- Automatic deployment and configuration of IDSs

Impac

- Creation of a generic toolkit for the development of STAT-based IDSs
- Improved reusability, portability, and extendibility
- Optimization of critical functions delivers improved performance
- Support for the interoperability of IDSs in different domains and environments
- Focused and efficient real-time network intrusion detection in complex, large scale heterogeneous information system

Schedul



University of California, Santa Barbara: R.A. Kemmerer